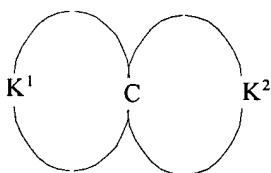


AMENDMENTS TO THE CLAIMS

1-20. (cancelled)

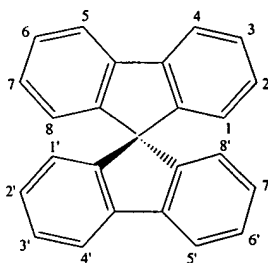
21. (Currently amended) A laser comprising: in order,
 a substrate, ~~a bottom electrode layer~~
~~a light source operably coupled to~~ an organic layer structure comprising an solid laser
~~dye and capable of producing stimulated emission of the organic solid laser dye, the~~
 organic solid laser dye comprising a spiro compound of formula (I)



(I)

where K^1 and K^2 are, independently of one another, conjugated systems ~~top electrode~~
~~layer and a laser cavity.~~

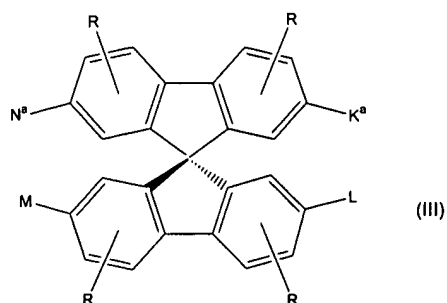
22. (previously presented) The laser of claim 21, wherein said spiro compound is a
 spirobifluorene of formula (II)



(II)

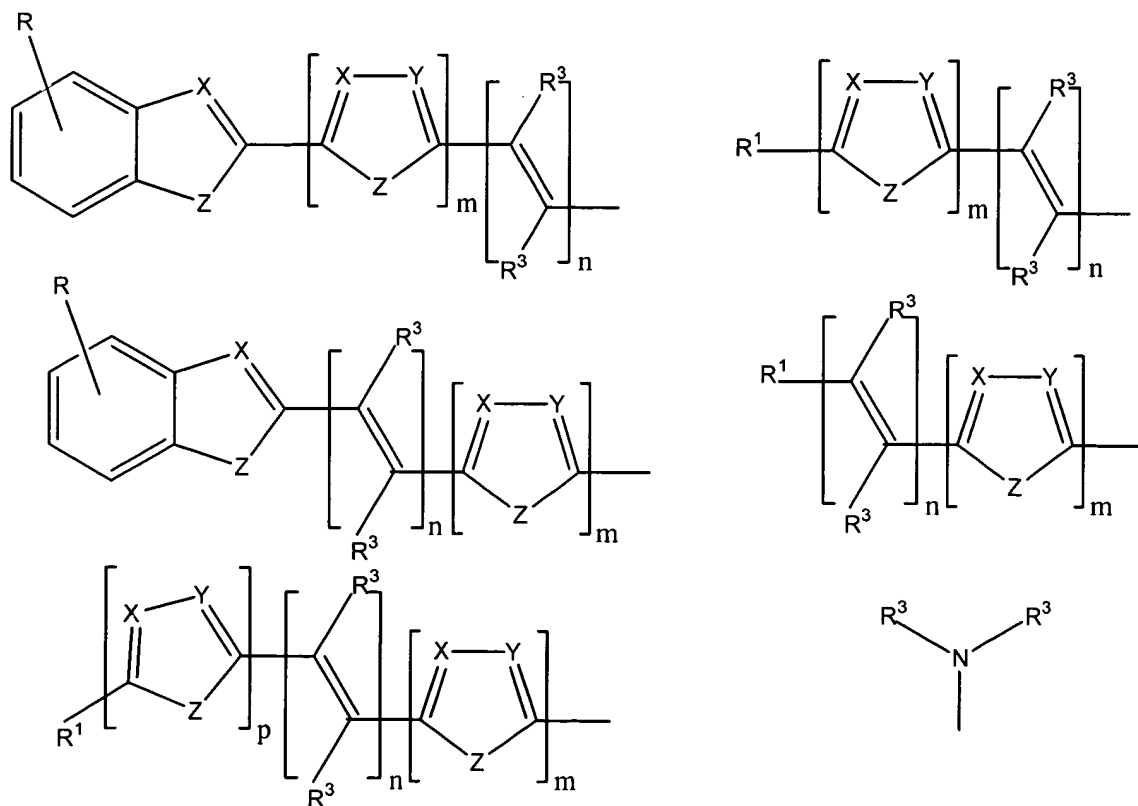
where the benzo groups can be substituted and/or fused independently of one another.

23. (previously presented) The laser of claim 21, wherein said spiro compound is a spirobifluorene derivative of formula (III)



wherein:

K^a , L, M, N^a are identical or different and are



R is identical or different and has the same meaning as K^a , L, M, N^a or is H, a linear or branched alkyl, alkoxy or ester group having from 1 to 22 carbon atoms, -CN, -NO₂,

$-\text{NR}^2\text{R}^3$, $-\text{Ar}$ or $-\text{O}-\text{Ar}$;

Ar is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, or 2-furyl, with each optionally substituted with one or two radicals R ;

m, n, p are 0, 1, 2 or 3;

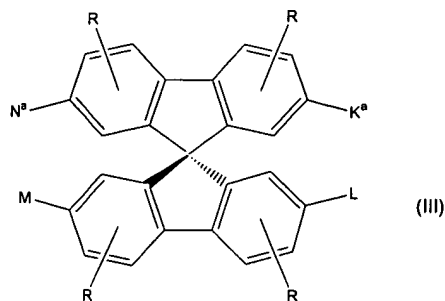
X, Y are identical or different and are CR or nitrogen;

Z is $-\text{O}-$, $-\text{S}-$, $-\text{NR}^1-$, $-\text{CR}^1\text{R}^4-$, $-\text{CH}=\text{CH}-$, or $-\text{CH}=\text{N}-$;

R^1, R^4 are identical or different and have the same meaning as R ; and

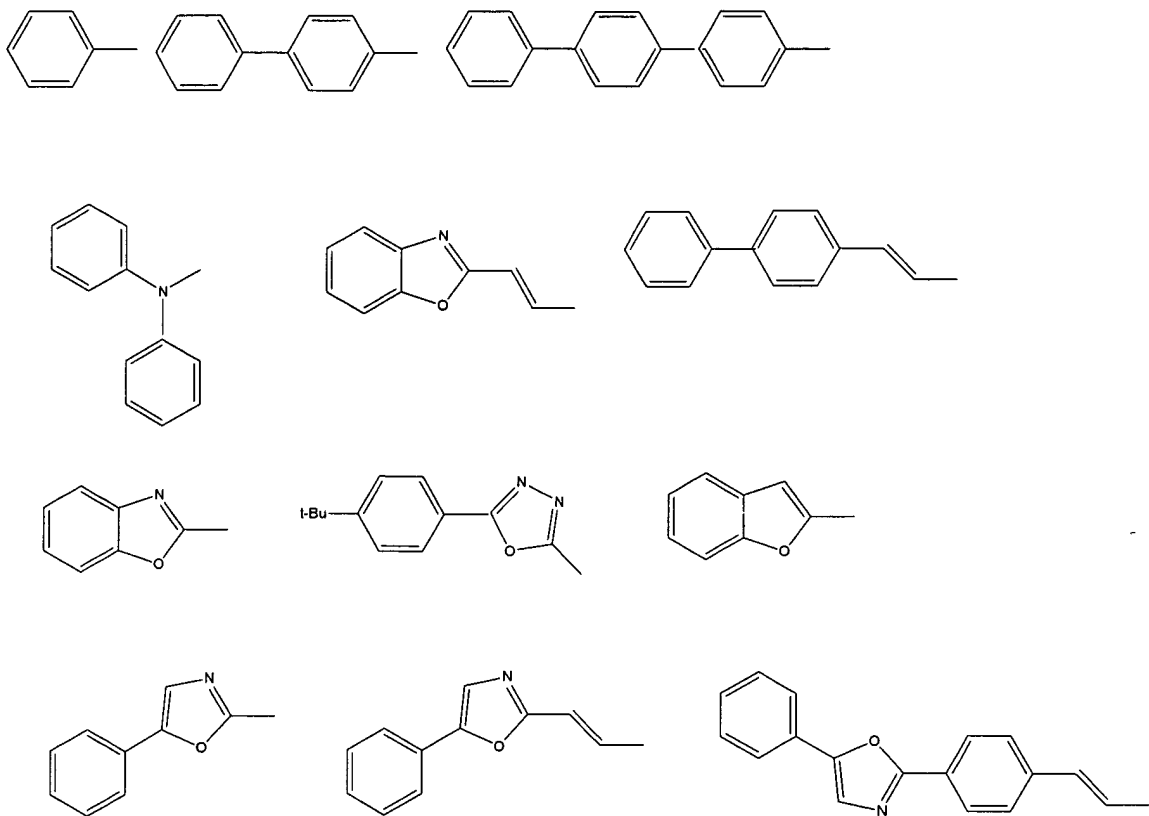
R^2, R^3 are identical or different and are H , a linear or branched alkyl group having from 1 to 22 carbon atoms, $-\text{Ar}$, or 3-methylphenyl.

24. (previously presented) The laser of claim 21, wherein said spiro compound is a spirobifluorene compound selected from the group consisting of the spirobifluorene compounds of the formula (IIIa) to (IIIg), wherein formula (III) is:

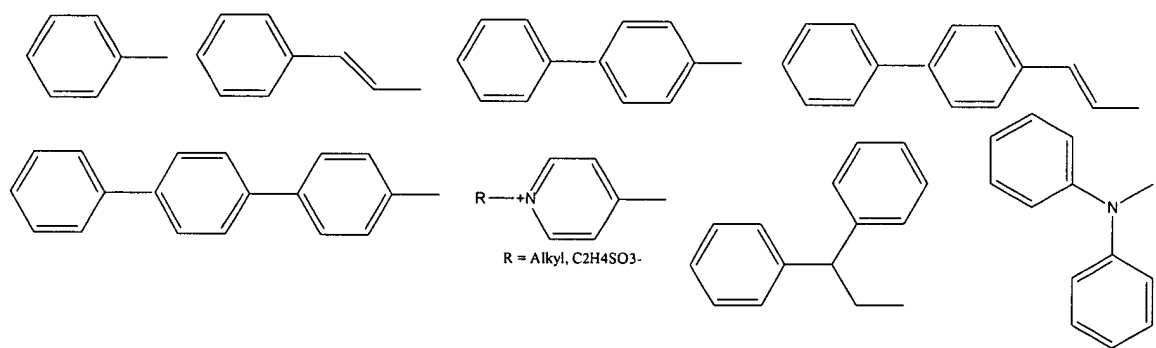


and the spirobifluorene compounds (IIIa to IIIg) are derivatives of formula (III) as follows:

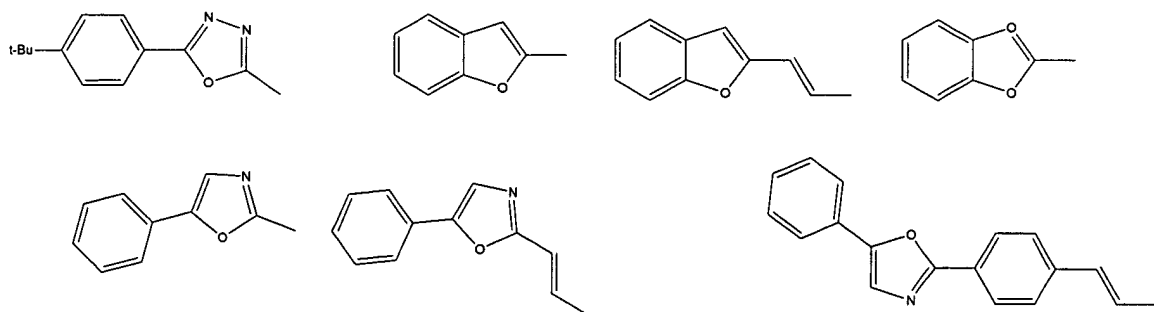
IIIa) $\text{K}^a = \text{L} = \text{M} = \text{N}^a$ and is selected from the group consisting of:



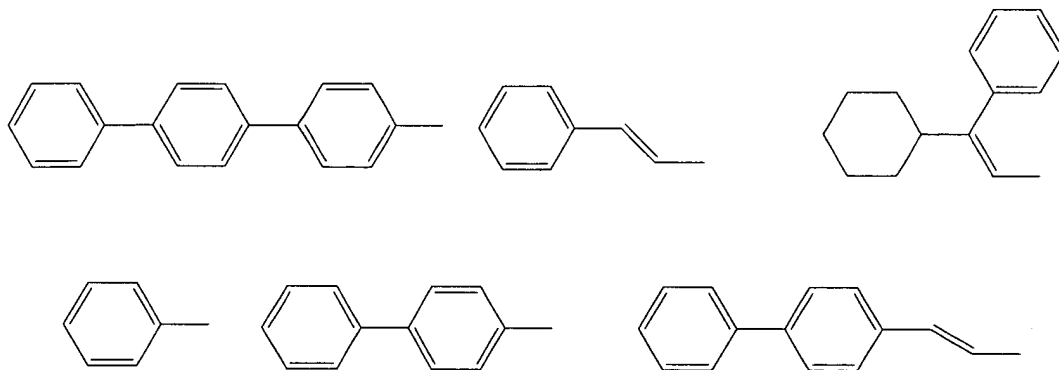
IIIc) $K^a = M$ and is selected from the group consisting of:



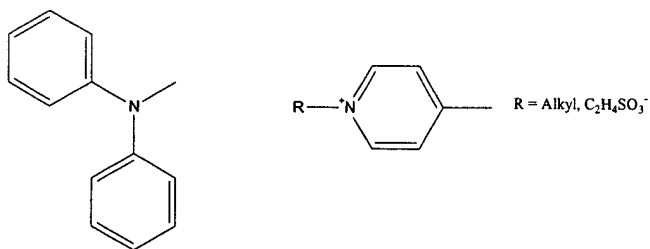
and $N^a = L$ and is selected from the group consisting of:



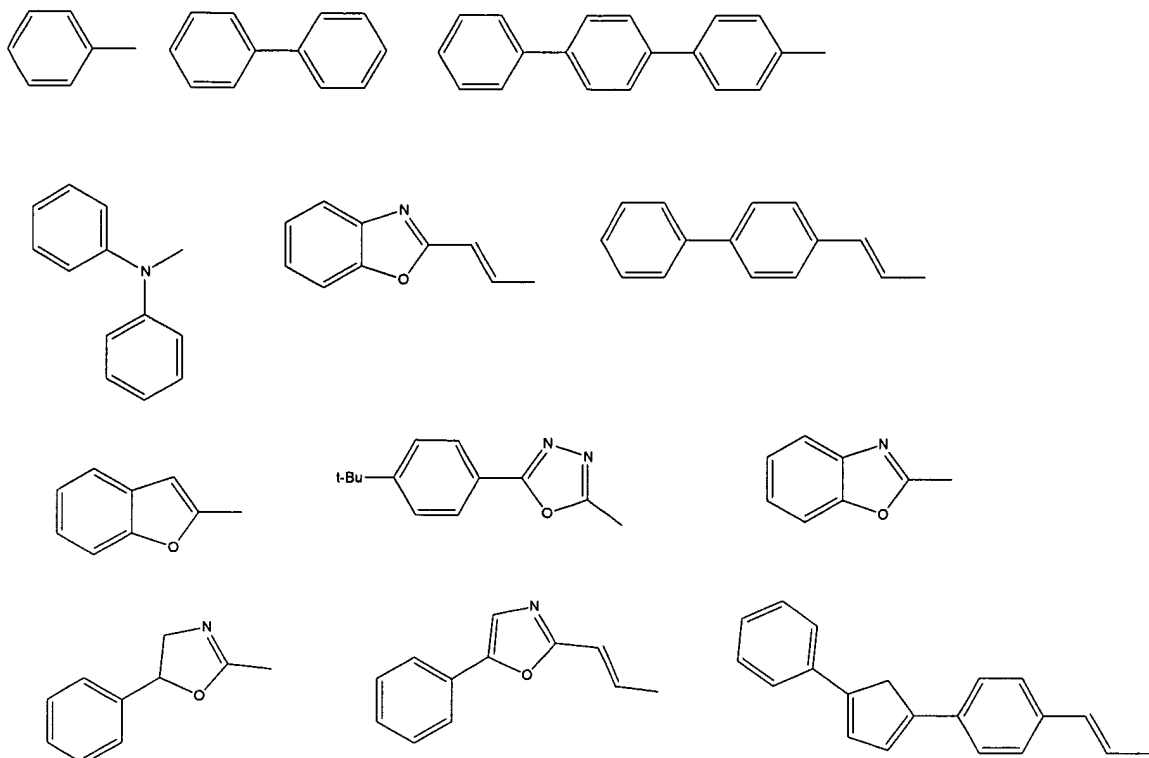
IIIId) $K^a = M$ and is selected from the group consisting of:



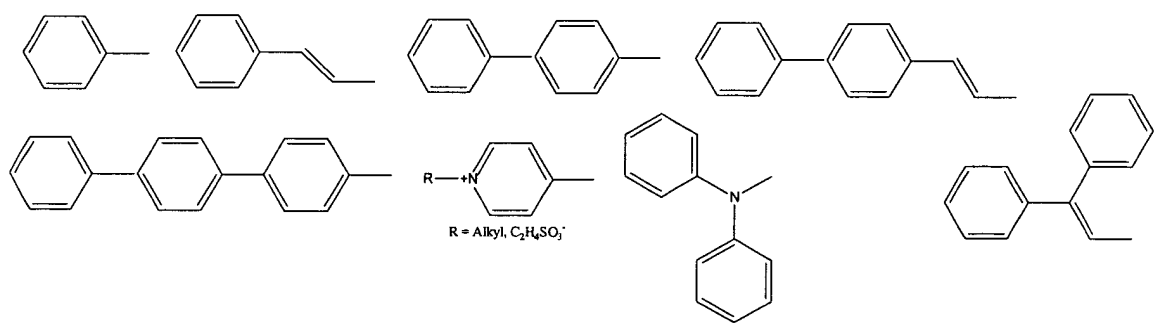
and $N^a = L$ and is selected from the group consisting of:



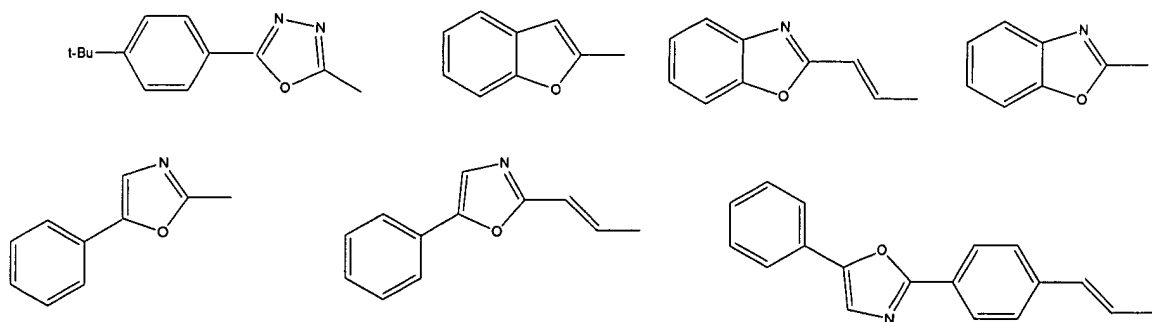
IIIe) $K^a = L = H$ and $M = Na$ and is selected from the group consisting of:



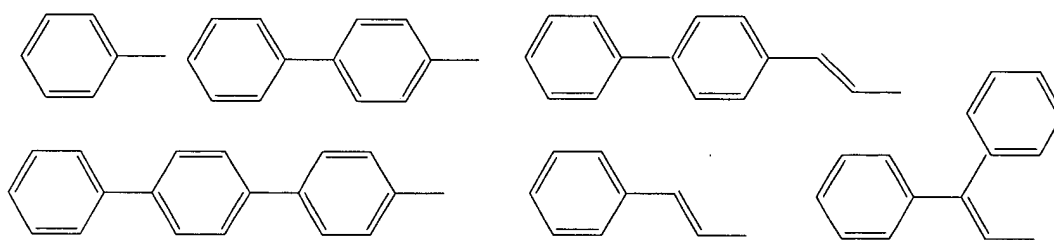
III f) $K_a = L$ and is selected from the group consisting of:



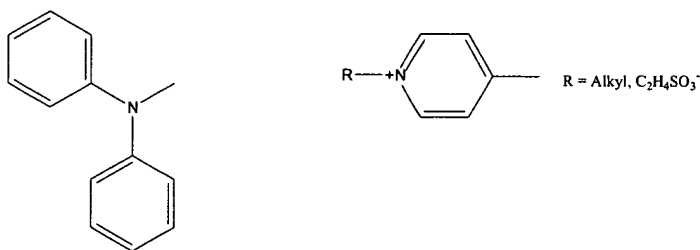
and $M = N^a$ and is selected from the group consisting of:



IIIg) $K^a = L$ and is selected from the group consisting of:

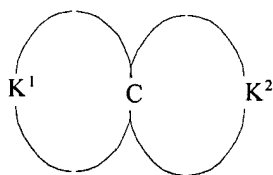


and $M = N^a$ and is selected from the group consisting of:



25. (Currently amended) The laser of claim 21, which further comprises ~~wherein the light source is~~ source selected from the group consisting of a flash lamp and a laser.
26. (Currently amended) The laser of ~~claim 21~~ claim 25, wherein the light source is a laser.
27. (Currently amended) A method of producing coherent laser emission comprising
subjecting an organic solid laser dye to a light source wherein said light source ~~is used to~~

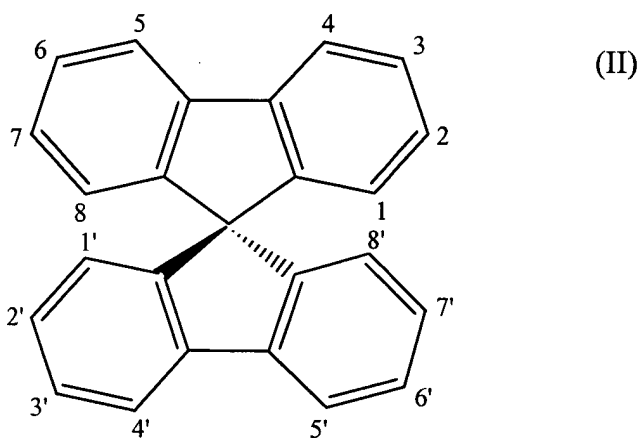
~~excite~~ excites the organic solid laser dye to emit radiation, the organic solid laser dye comprising a solid spiro compound of formula (I)



(I)

where K¹ and K² are, independently of one another, conjugated systems.

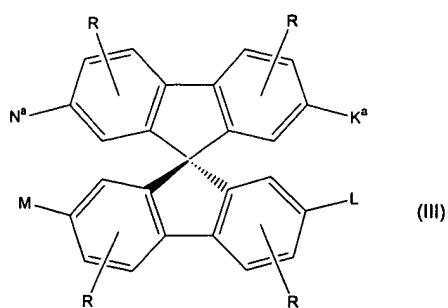
28. (previously presented) The method of claim 27, wherein said solid spiro compound is a spirobifluorene of formula (II)



(II)

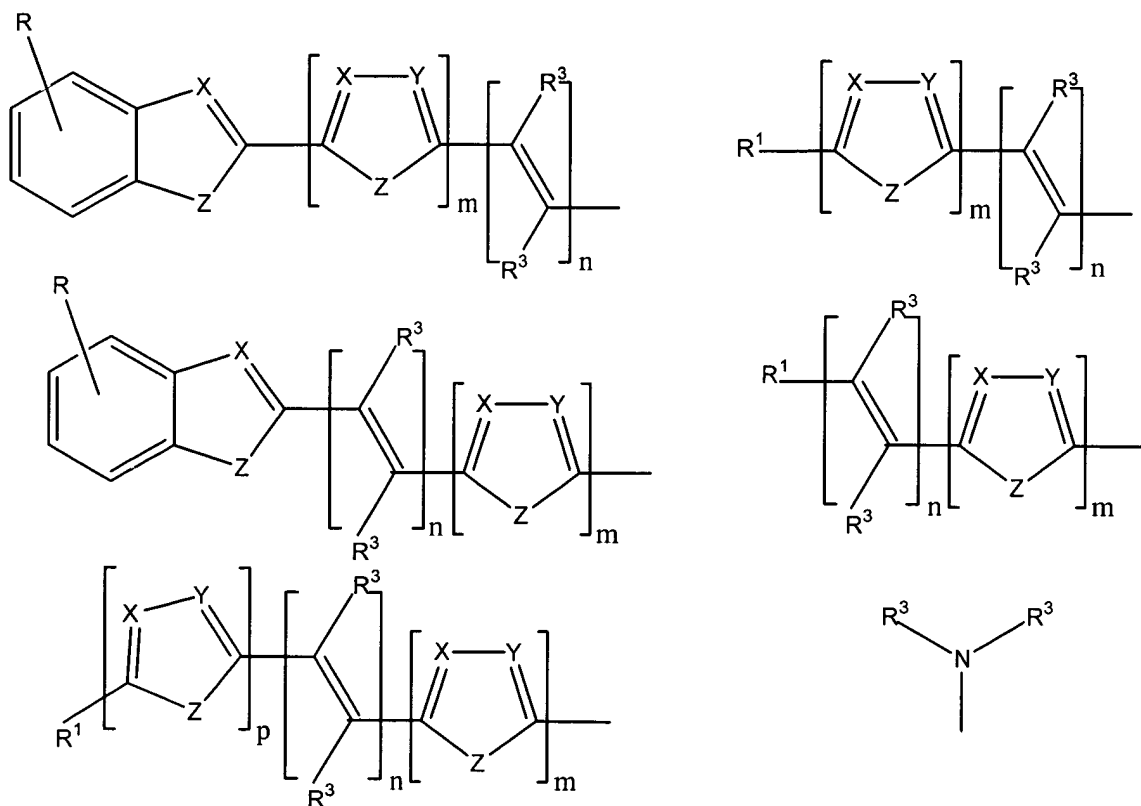
where the benzo groups can be substituted and/or fused independently of one another.

29. (previously presented) The method of claim 27, wherein said spiro compound is a spirobifluorene derivative of formula (III)



wherein:

K^a, L, M, N^a are identical or different and are



R is identical or different and has the same meaning as K^a, L, M, N^a or is H, a linear or branched alkyl, alkoxy or ester group having from 1 to 22 carbon atoms, -CN, -NO₂, -NR²R³, -Ar or -O-Ar;

Ar is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, or 2-furyl, with each optionally

substituted with one or two radicals R;

m, n, p are 0, 1, 2 or 3;

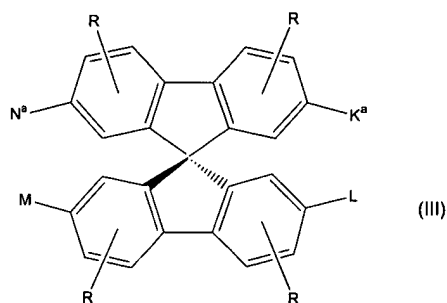
X, Y are identical or different and are CR or nitrogen;

Z is -O-, -S-, -NR¹-, -CR¹R⁴-, -CH=CH-, or -CH=N-;

R¹, R⁴ are identical or different and have the same meaning as R; and

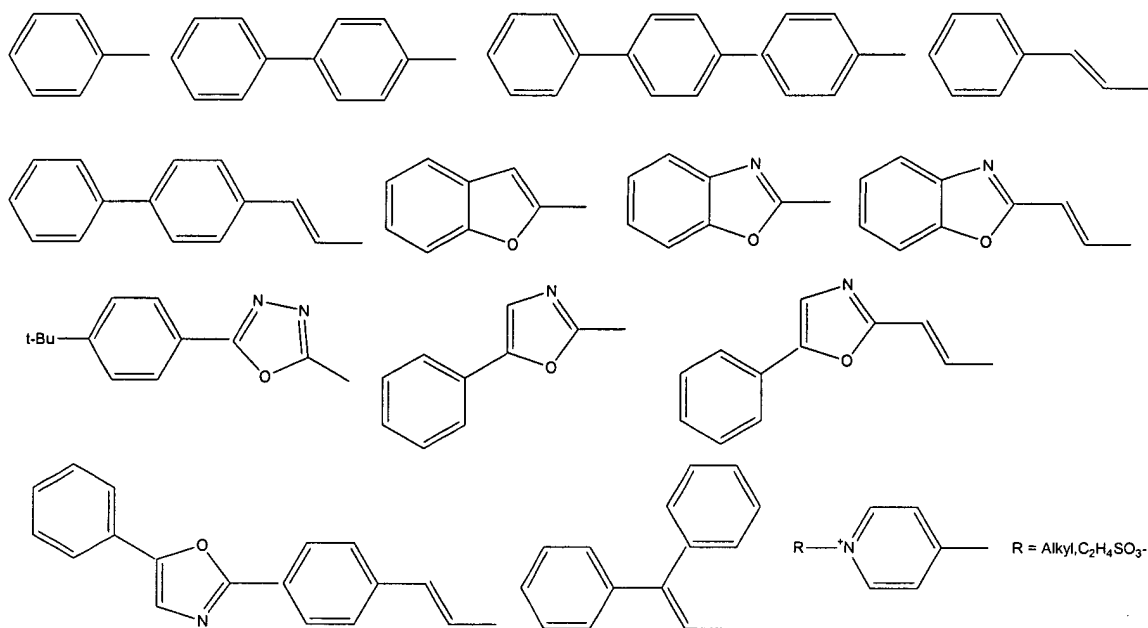
R², R³ are identical or different and are H, a linear or branched alkyl group having from 1 to 22 carbon atoms, -Ar, or 3-methylphenyl.

30. (previously presented) The method of claim 27, wherein said spiro compound is a spirobifluorene compound selected from the group consisting of the spirobifluorene compounds of the formula (IIIa) to (IIIg), wherein formula (III) is:

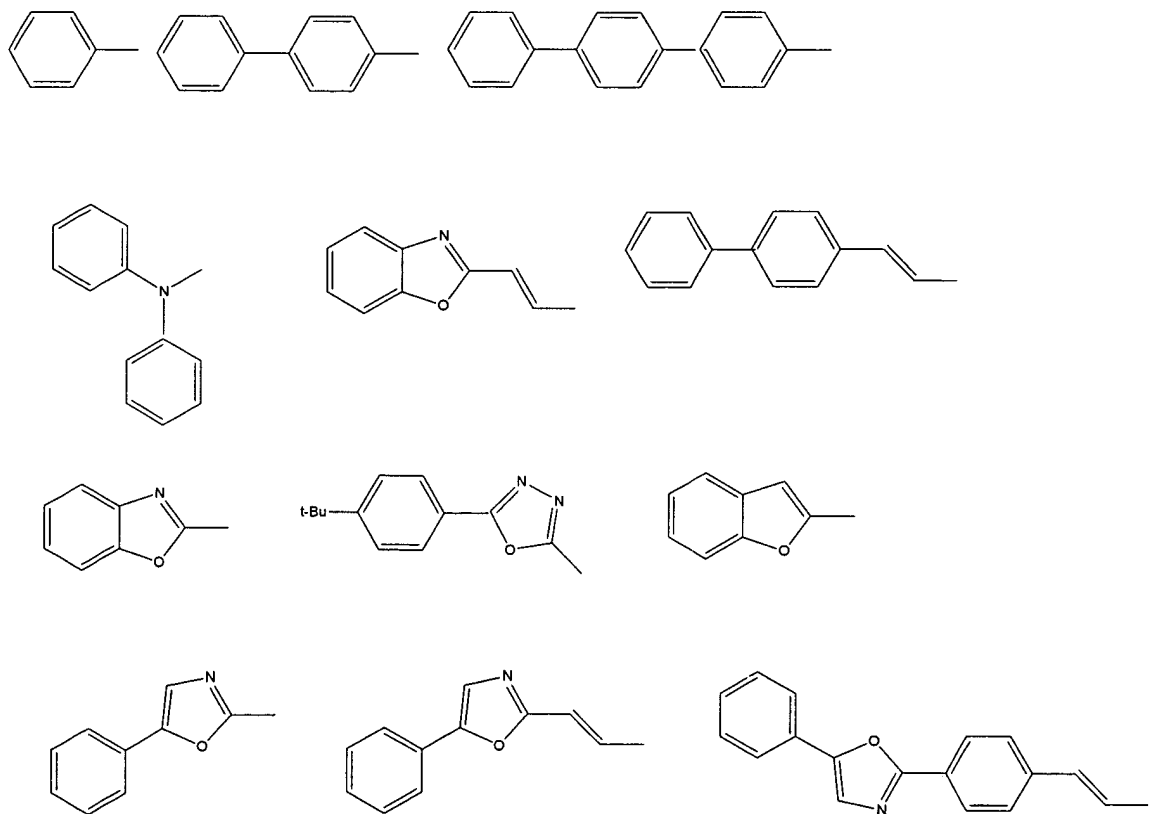


and the spirobifluorene compounds (IIIa to IIIg) are derivatives of formula (III) as follows:

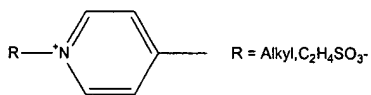
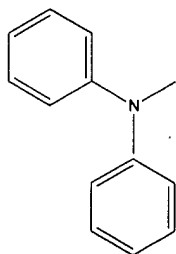
IIIa) K^a = L = M = Na and is selected from the group consisting of:



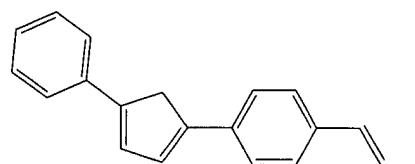
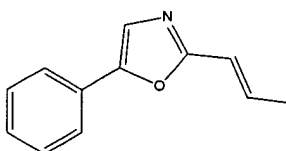
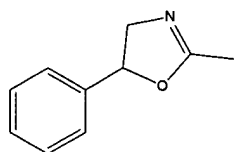
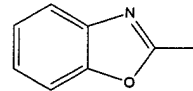
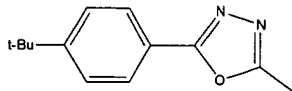
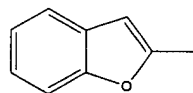
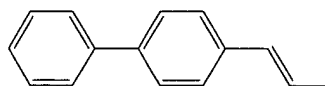
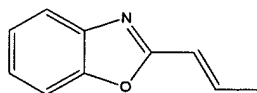
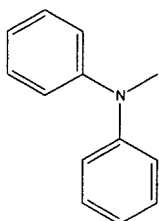
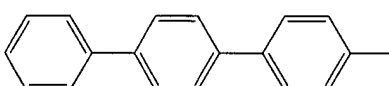
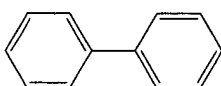
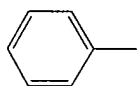
IIIb) $K_a = M = H$ and $Na = L$ and is selected from the group consisting of:



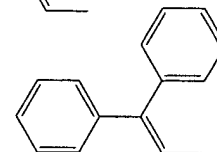
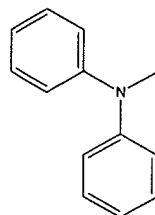
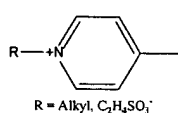
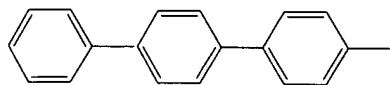
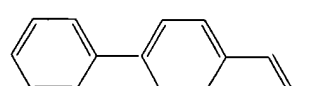
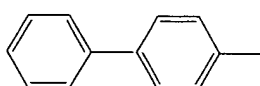
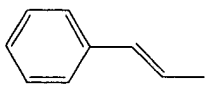
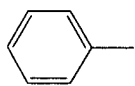
IIIc) $K^a = M$ and is selected from the group consisting of:



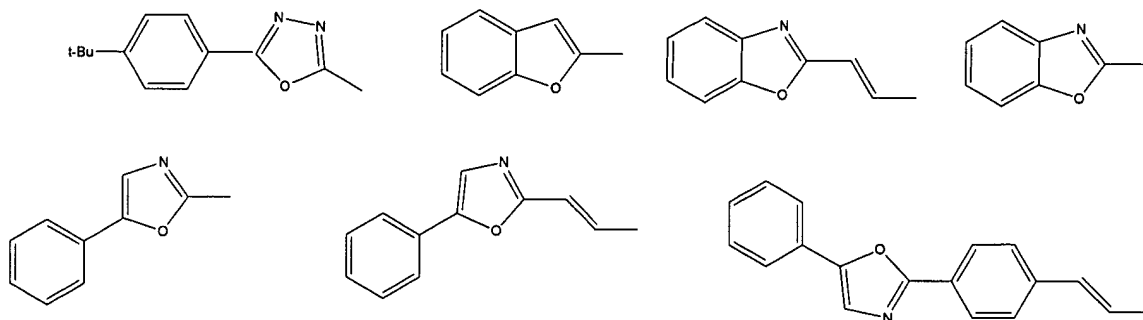
IIIe) $K^a = L = H$ and $M = N^a$ and is selected from the group consisting of:



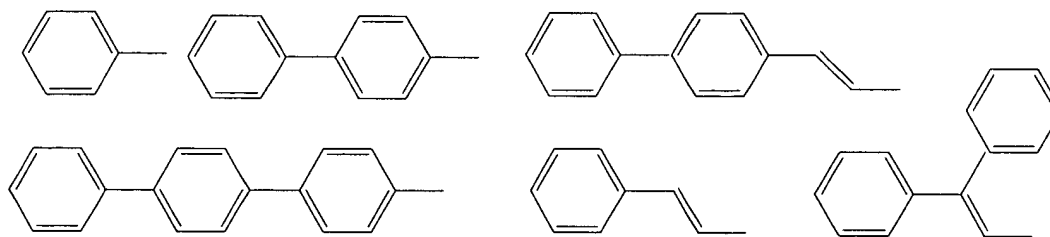
III f) $K^a = L$ and is selected from the group consisting of:



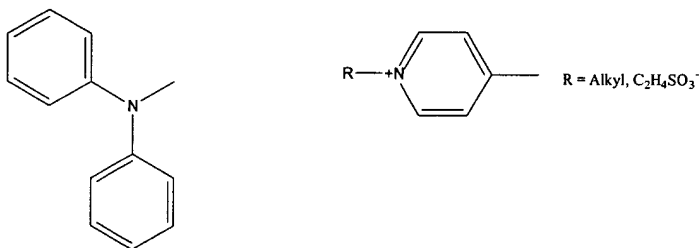
and $M = N^a$ and is selected from the group consisting of



IIIg) $K^a = L$ and is selected from the group consisting of:



and $M = N^a$ and is selected from the group consisting of:



31. (previously presented) The method of claim 27 wherein the light source is a laser or a flash lamp.
32. (previously presented) The method of claim 31 wherein the light source is a laser.